

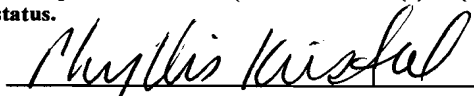
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|---|--|---|
| <b>TRANSMITTAL LETTER TO THE UNITED STATES<br/>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br/>CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b> |  | ATTORNEY'S DOCKET NUMBER<br>DC-TECHN-PKK081506-1-tza                                      |
| INTERNATIONAL APPLICATION NO.<br>PCT/AU2005/000192  | INTERNATIONAL FILING DATE<br>February 16, 2005 | U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5)<br>New U.S. National Stage Application |
| PRIORITY DATE CLAIMED<br>February 16, 2004  |  |   |
| TITLE OF INVENTION<br>ALUMINUM PRODUCTION PROCESS   |  |   |
| APPLICANT(S) FOR DO/EO/US<br>Raymond Walter Shaw  |  |   |

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☒ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☐ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☒ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). (Unsigned)
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

**Items 11 to 20 below concern document(s) or information included:**

11. ☒ An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.
13. ☒ A preliminary amendment.
14. ☐ An Application Data Sheet under 37 C.F.R. 1.76.
15. ☐ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. 1.821 - 1.825.
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information:
  - Formal Drawings (1 Page)
  - Copy of International Preliminary Examination Report w/Annexes (9 Pages)
  - Copy of International Search Report, attached to IDS and form PTO-1449 (2 Pages)

|   |              |   |              |   |          |
|---|--------------|---|--------------|---|----------|
| U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.5)<br>New U.S. National Stage Application   |              | INTERNATIONAL APPLICATION NO.<br>PCT/AU2005/000192                            |              | ATTORNEY'S DOCKET NUMBER<br>DC-TECHN-PKK081506-1-tza  |          |
| The following fees have been submitted  |              |   |              | <b>CALCULATIONS PTO USE ONLY</b>  |          |
| 21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a)) .....\$300   |              |   |              | \$300.00  |          |
| 22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c))<br>If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) .....\$0<br>All other situations .....\$200   |              |   |              | \$200.00  |          |
| 23. <input checked="" type="checkbox"/> Search fee<br>If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) .....\$0<br>Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority .....\$100<br>International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB .....\$400<br>All other situations .....\$500  |              |   |              | \$400.00  |          |
| <b>Total of 21, 22 and 23 =</b>   |              |   |              | \$900.00  |          |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium).<br>The fee is \$250 for each additional 50 sheets of paper or fraction thereof.   |              |   |              |   |          |
| Total Sheets  | Extra Sheets | Number of each additional 50 or fraction thereof (round up to a whole number) | RATE         |   |          |
| -100 =  | /50=         |   | X \$250      | \$0.00  |          |
| Surcharge of \$130 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 C.F.R. 1.492(h)).  |              |   |              | \$0.00  |          |
| CLAIMS  |              | NUMBER FILED  | NUMBER EXTRA | RATE  |          |
| Total Claims  |              | 27 - 20 =   | 7            | x \$50  | \$350.00 |
| Independent Claims  |              | 3 - 3 =   |              | x \$200   | \$0.00   |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable)   |              |   |              | + \$360   | \$0.00   |
| <b>TOTAL OF ABOVE CALCULATIONS =</b>  |              |   |              | <b>\$1,250.00</b>   |          |
| <input type="checkbox"/> Applicant claims small entity status. See 37 C.F.R. 1.27. Fees above are reduced by 1/2.   |              |   |              | \$0.00  |          |
| <b>SUBTOTAL =</b>   |              |   |              | <b>\$1,250.00</b>   |          |
| Processing fee of \$130 for furnishing the English Translation later than 30 months from the earliest claimed priority date (37 C.F.R. 1.492(i))  |              |   |              | \$0.00  |          |
| <b>TOTAL NATIONAL FEE =</b>   |              |   |              | <b>\$1,250.00</b>   |          |
| Fee for recording the enclosed assignment (37 C.F.R. 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 per property  |              |   |              | \$0.00  |          |
| <b>TOTAL FEES ENCLOSED =</b>  |              |   |              | <b>\$1,250.00</b>   |          |
|   |              |   |              | <b>Amount to be refunded:</b>   | \$0.00   |
|   |              |   |              | <b>Amount to be charged:</b>  | \$0.00   |
| a. <input type="checkbox"/> A check in the amount of _____ to cover the above fees is enclosed.<br>b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. 06-1050 in the amount of \$1250.00 to cover the above fees.<br>A duplicate copy of this sheet is enclosed.<br>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 06-1050. A duplicate copy of this sheet is enclosed.<br>d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038. |              |   |              |   |          |
| <b>NOTE: Where an appropriate time limit under 37 C.F.R. 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b) must be filed and granted to restore the International Application to pending status.</b>  |              |   |              |   |          |
| SEND ALL CORRESPONDENCE TO:   |              |   |              |   |          |
| PTO Customer No:  |              | 26171   |              |   |          |
|   |              |   |              | <br>SIGNATURE |          |
|   |              |   |              | Phyllis K. Kristal  |          |
|   |              |   |              | NAME  |          |
|   |              |   |              | 38,524  |          |
|   |              |   |              | REGISTRATION NUMBER   |          |